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Date: 08/10/04

Patti Hespell

PATENT

#5
W. Lawton
8/21/04

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

| | | | |
|--|----------------------------|----------------------------------|-----------------------------------|
| SERIAL NUMBER 10/031,142 | FILING DATE 09 NOV 2001 | FIRST NAMED INVENTOR ELDERING | ATTY. DKT. NO. T711-14 |
| TITLE ADVERTISEMENT SUBGROUPS FOR DIGITAL STREAMS | | ART UNIT 2611 | EXAMINER GRANT, CHRISTOPHER |

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

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AUG 13 2004

Technology Center 2600

INFORMATION DISCLOSURE STATEMENT

In accordance with the provisions of 37 C.F.R. §1.97, Applicants hereby wish to make of record the references listed on the accompanying PTO Forms SB/08A and 08B for consideration by the Examiner in the examination of the above-identified patent application. Copies of the patent documents are enclosed.

This Information Disclosure Statement is being submitted:

- ☒ (1) within three (3) months of the filing date, entry into national phase in an international application or before the mailing date of the First Office Action; or
- ☐ (2) after the period defined in (1) above but before the mailing date of a Final Rejection or Notice of Allowance, and
- ☐ Certification is made below, or
- ☐ The check, or authorization to charge deposit account no. 501535, in the amount of the fee set forth by 37 C.F.R. §1.17(p) is attached.
- ☐ (3) after the mailing date of a Final Rejection or Notice of Allowance but before the payment of the Issue Fee, and

☐ Applicant hereby Petitions the Commissioner to consider the attached references; Certification is made below and the fee is included.

Attached hereto is Form PTO-SB/08A and 8B listing documents believed to be relevant to the above-captioned application. It is respectfully requested that these documents be considered by the Examiner. The relevance of each non-English document will be discussed as follows:

REMARKS:

This disclosure statement should not be construed as a representation that a search has been made or that no other material information as defined in 37 C.F.R. § 1.56(a) exists.

It is believed that this disclosure complies with the requirements of 37 C.F.R. §§ 1.56, 1.97, and 1.98, and the Manual of Patent Examining Procedures § 609. If for some reason the Examiner considers otherwise, it is requested that the undersigned be contacted by telephone promptly so that any deficiency can be remedied.

Some of the documents may have markings thereon. No significance is intended to be attached to the markings.

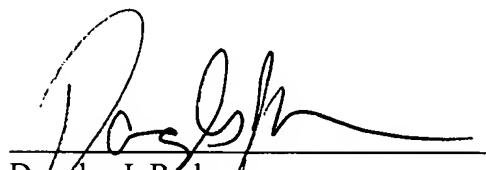
The submission of these documents is not intended to be deemed an admission that they constitute analogous art.

CERTIFICATION

Applicant(s) certify that:

- ☐ (1) Each item or reference was cited in a communication from a foreign patent office in a corresponding foreign application not more than three months prior to the filing date of the Statement; or
- ☐ (2) No item or reference was cited in a communication from a foreign patent office in a corresponding foreign application or, to the knowledge of the Applicant(s), was not known more than three months prior to the filing of the Statement.

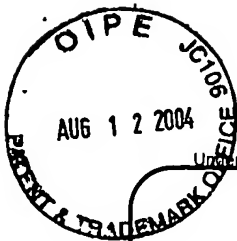
Respectfully submitted,



Douglas J. Ryder
Reg. No. 43,073

Date: 8/10/09

Expanse Networks, Inc.
6206 Kellers Church Road
Pipersville, PA 18947
(215)721-2100



PTO/SB/21 (02-04)

Approved for use through 07/31/2006. OMB 0651-0031

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**TRANSMITTAL
FORM**

(to be used for all correspondence after initial filing)

| | | | |
|---|----------------------|------------------------|---------|
| TRANSMITTAL FORM (to be used for all correspondence after initial filing) | Application Number | 10/031,142 | |
| | Filing Date | 09 NOV 2001 | |
| | First Named Inventor | ELDERING | |
| | Art Unit | 2611 | |
| | Examiner Name | GRANT, CHRISTOPHER | |
| Total Number of Pages in This Submission | 418 | Attorney Docket Number | T711-14 |

ENCLOSURES (Check all that apply)

| | | |
|--|--|---|
| <input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ | <input type="checkbox"/> After Allowance communication to Technology Center (TC) <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please Identify below): |
| <div>Remarks</div> <div>Cited References (411 pgs.) Return Receipt Postcard Certificate of Mailing</div> <div>RECEIVED AUG 13 2004 Technology Center 2600</div> | | |

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

| | |
|-------------------------|---------------------------------------|
| Firm or Individual name | Douglas J. Ryder, Esquire Reg. 43,073 |
| Signature | |
| Date | August 10, 2004 |

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| Typed or printed name | Patti Hespell | | |
| Signature | | Date | August 10, 2004 |

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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10/03/142

2611

PTO/SB/92 (08-03)
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on 8/10/04
Date

1. Transmittal (1 pg.)
2. Information Disclosure Statement (3 pgs.)
3. TO SB/08A (2 pgs.)
4. Cited References (411 pgs.)
5. Return Receipt Postcard (1 pg.)

Patti Hespell
Signature

Patti Hespell

Typed or printed name of person signing Certificate

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Substitute for form 1449/PTO

08-10-04

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(Use as many sheets as necessary)

| | | | |
|-------|---|----|---|
| Sheet | 1 | of | 2 |
|-------|---|----|---|

Complete if Known

| | |
|------------------------|--------------------|
| Application Number | 10/031,142 |
| Filing Date | 09 NOV 2001 |
| First Named Inventor | ELDERING |
| Art Unit | 2611 |
| Examiner Name | GRANT, CHRISTOPHER |
| Attorney Docket Number | T711-14 |

U. S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

| FOREIGN PATENT DOCUMENTS | | | | | | |
|--------------------------|-----------------------|---|------------------|---|---|----------------|
| Examiner Initials* | Cite No. ¹ | Foreign Patent Document | Publication Date | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear | T ⁶ |
| | | Country Code ³ *Number ⁴ *Kind Code ⁵ (if known) | MM-DD-YYYY | | | |
| | BA | CA 2151458 | 12-22-1994 | HAMILTON | | |
| | BB | CA2164608 | 02-24-2004 | HENDRICKS | | |
| | BC | CA2264392 | 01-14-1999 | KITAMURA | | |
| | BD | CA2303149 | 10-21-2003 | KRAUSE | | |
| | BE | EP1220542 | 03-07-2002 | KAPLAN | | |
| | BF | WO0064166 | 10-26-2000 | GORDON | | |

| | | | |
|-----------------------|--|--------------------|--|
| Examiner Signature | | Date Considered | |
|-----------------------|--|--------------------|--|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449/PTO

08-10-04

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(Use as many sheets as necessary)

| | | | |
|-------|---|----|---|
| Sheet | 2 | of | 2 |
|-------|---|----|---|

Complete if Known

| | |
|------------------------|--------------------|
| Application Number | 10/031,142 |
| Filing Date | 09 NOV 2001 |
| First Named Inventor | ELDERING |
| Art Unit | 2611 |
| Examiner Name | GRANT, CHRISTOPHER |
| Attorney Docket Number | T711-14 |

U. S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

| FOREIGN PATENT DOCUMENTS | | | | | |
|--------------------------|-----------------------|---|------------------|---|---|
| Examiner Initials* | Cite No. ¹ | Foreign Patent Document | Publication Date | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear |
| | | Country Code ³ --Number ⁴ --Kind Code ⁵ (if known) | MM-DD-YYYY | | |
| | BG | WO0069163 | 11-16-2000 | ELDERING | |
| | BH | WO9712486 | 04-03-1997 | SLEZAK | |
| | BI | WO917774 | 05-15-1997 | PARK | |
| | BJ | WO9911065 | 03-04-1999 | KLOSTERMAN | |
| | BK | WO9952285 | 10-14-1999 | HENDRICKS | |
| | BL | WO9966719 | 12-23-1999 | ZIGMOND | |

| | | | |
|-----------------------|--|--------------------|--|
| Examiner Signature | | Date Considered | |
|-----------------------|--|--------------------|--|

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